

CLAIMS

1. A method of manufacturing an oxide superconductive wire, comprising:
the step of positioning a metal tape (6) in a position at a distance (L) of at most
5 100 mm from a target (7) for generating an oxide; and

the step of forming an oxide superconductive layer (12) on said metal tape (6)
using a vapor deposition method while transferring said metal tape (6) at a transfer
speed of at most 5 m/h with keeping the distance (L) between said metal tape (6) and
said target (7) of at most 100 mm.

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2. The method of manufacturing an oxide superconductive wire according to
claim 1, wherein

said vapor deposition method is a pulsed laser deposition (PLD) method.

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3. The method of manufacturing an oxide superconductive wire according to
claim 1, wherein

said oxide superconductive layer (12) is a rare-earth-barium-copper-based
superconductive oxide (RE123; RE = rare-earth element, Y).

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